

3M

Polyester Tape

8429

Technical Data

January, 2011

Product Description

3M™ Polyester Tape 8429 is composed of a heavy duty polyester backing with an aggressive, versatile rubber adhesive. The polyester backing is strong yet thin making it ideal for demanding applications that require high tensile strength without bulk. The tack level of the rubber adhesive allows it to attach quickly and securely to many surfaces. The yellow color makes the tape visible for splicing applications where the splice needs to be detected.

Product Construction

Backing	Adhesive	Color	Standard Roll Length
Polyester	Rubber with pigment	Yellow	72 yds. (66 m)

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	69 oz./in. width (75 N/100 mm)	D-3330
Tensile Strength at Break:	54 lbs./in. width (948 N/100 mm)	D-3759
Elongation at Break:	130%	D-3759
Backing Thickness:	2 mils (0.05 mm)	D-3652
Total Tape Thickness:	3.2 mils (0.08 mm)	D-3652
Temperature Use Range:	Remains flexible at -60°F (-50°C) and is dimensionally stable up to 300°F (149°C)	

Features

- 2 mil polyester backing is strong to resist breakage in high tension application.
- Backing thickness also provides additional abrasion protection compared to thinner tapes.
- The stiffness of the 2 mil backing makes for easier handling in that the tape is less apt to curl or fold over on itself.
- Prolonged exposure to sunlight or hot caustics will cause to become brittle and lose tensile strength.
- The aggressive rubber adhesive grabs the surface quickly and adheres well to many surfaces.
- The yellow tape color allows the tape to be seen once it is applied.
- Adhesive has high shear strength and is resistant to many chemicals.
- Adheres well to irregular surfaces.

3M™ Polyester Tape

8429

Application Ideas

- Splicing of photographic leader and film as well as other heavy duty splicing applications.
- Separation of dissimilar metals.
- Fabric splicing.
- Sealing, labeling and protecting.
- Defect marking.
- End tabbing.
- Repairing and reinforcing.

Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.

Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

Warranty, Limited Remedy, and Disclaimer

Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.

Limitation of Liability

Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial



Recycled Paper
40% pre-consumer
10% post-consumer

3M is a trademark of 3M Company.
Printed in U.S.A.
©3M 2011 70070325330 (1/11)



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331